

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-293961

(43)Date of publication of application : 04.11.1998

(51)Int.Cl. G11B 19/02  
G11B 7/00

(21)Application number : 09-102824

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(22)Date of filing : 21.04.1997

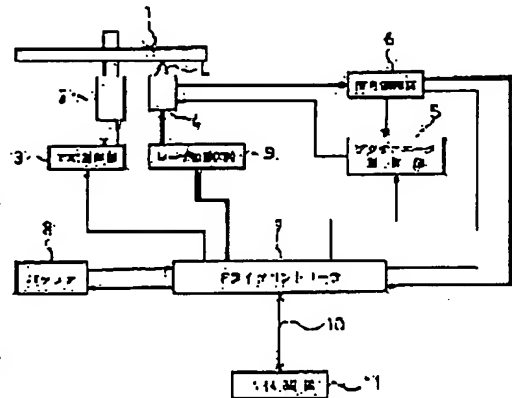
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## (54) OPTICAL DISK RECORDER

(57)Abstract:

**PROBLEM TO BE SOLVED:** To prevent the occurrence of an underrun of a buffer at the time of writing a user data on an optical disk which is writable such as a CD-R and a CD-RW.

**SOLUTION:** Prior to writing a user data in a track on the optical disk 1 such as the CD-R and CD-RW, etc., the user data transferred from a host device 11 is stored in the buffer 8 during writing a data in an area other than tracks of a pregap, a PCA and a PMA, etc., and based on this user data transfer speed and a writing speed of the data into the aforesaid area, a rotating speed of a motor 2 for rotating the optical disk 1 is decided in order that the user data transferred from the host device 11 is always held in a prescribed quantity in the buffer 8 during writing the user data on the optical disk 1, and this rotating speed is set in a rotating control part 3 as the rotating speed of the motor 2 at the time of writing the user data.



## LEGAL STATUS

[Date of request for examination]

09.12.1999

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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